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application, in view of the above amendments and the following remarks, is respectfully requested.

Drawings

The drawings have been objected to because the Examiner alleges that the “method of displacing sheets for printing off center text as described in claims 6-8” is not shown. Applicant respectfully traverses this objection because the displacement of the text is shown in Figs. 8-11.

Claim Objections

Claims 3 and 6-8 have been objected to for lacking antecedent basis for some of the claim limitations. Applicant believes the amendments to the claims obviate this rejection.

Claim Rejections – 35 USC § 112, First Paragraph

Claims 6-8 have been rejected under 35 USC § 112, first paragraph, as claiming subject matter allegedly not described in the specification in such a way as to enable one to make and/or use the invention. Specifically, the Examiner alleges that it is not clear “what form the base for carrying paper takes, for example, whether it is feeding the sheets to the printing apparatus or supporting the sheets during the printing process.”

Applicant respectfully traverses this rejection. The specification makes clear that the base is at least supporting the sheets during the printing process. This is clear from the specification, for example, on page 3, second and third to last line, where it states that “the

base [is] carrying the sheets with respect to the printing means of the machine.”
Reconsideration and withdrawal of this rejection is respectfully requested.

Claim Rejections – 35 USC § 112, Second Paragraph

Claims 1, 2 and 6-8 have been rejected under 35 USC § 112, second paragraph, as being indefinite. Applicant has amended the claims to eliminate indefiniteness.

Further, with respect to claim 2, it is clear from the specification on page 3, first full paragraph, that “standard size” means those standard sizes (e.g., A2, A3, A4, A5) as defined by DIN (which is the acronym for Deutsche Industrie Norm, and upon which the ISO standards are based). Standard size therefore does not mean different things to different people, as the Examiner alleges, and thus the term “standard size” in claim 2 is not indefinite.

Reconsideration and withdrawal of this rejection is respectfully requested.

Claim Rejections – 35 USC § 103

Claims 1-5 have been rejected under 35 USC § 103(a) as being unpatentable over Feister (U.S. Patent No. 452,933) in view of Yasuo (EP 0 895 183) and Garber (U.S. Patent No. 3,593,987). Applicant respectfully traverses this rejection for the reasons set forth below.

The present invention is directed to a printing system that displaces text as a function of results to be obtained. Division of the surface to be printed into four sections front/back with a capacity for the sections to be increased or reduced with respect to central axes of the surface to be printed which function as folding axes does not exist in previous machines of this type.

None of the applied references suggests printing bodies of text with a symmetrical distribution with respect to a centre of symmetry of a sheet being printed and likewise symmetrically with respect to one or two axes of symmetry, which pass through the centre of symmetry and which are parallel with outer edges of the sheet, as required by the claims of the present invention.

Yasuo is directed to the printing of text for bookbinding or paperback publications. Yasuo does not teach or suggest the use of a surface with four printing areas per face forming logical groups of pages for the manufacture of books. The margins are referred to the movement of text within the usual folding of two or four pages conventionally printed, displacing the margin or increasing or reducing the size of the text in relation to one of the borders which will be the bookbinding border.

Applicant recognizes that Yasuo does teach shifting data to be printed vertically or horizontally on a sheet of paper. And Applicant acknowledges that Yasuo illustrates bodies of text which are symmetrical with respect to the sheet (see Fig. 10) and are also symmetrical to what appear to be axes (see Fig. 5). However, Yasuo does not suggest, either alone or in combination with the other applied references, bodies of text being arranged with respect to a centre of symmetry and one or two axes of symmetry.

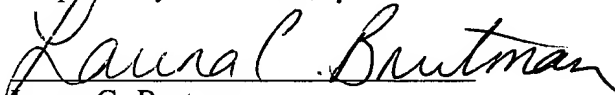
Garber is directed to the use of printing plates and printing presses to print both faces of a sheet of paper in multiple sets of pages in which the text and the paging are always fixed. Also, the printing is carried out per group of pages, therefore subsequently requiring the collection and raising of the groups of pages to form the book.

Again, none of the applied references suggests printing bodies of text with a symmetrical distribution with respect to a centre of symmetry of a sheet being printed and likewise symmetrically with respect to one or two axes of symmetry, which pass through the centre of symmetry and which are parallel with outer edges of the sheet, as required by the claims. Thus, the claims distinguish over the applied prior art.

In view of the above amendments and remarks, it is respectfully requested that the application be reconsidered and that all pending claims be allowed and the case passed to issue.

If there are any other issues remaining which the Examiner believes could be resolved through either a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at the telephone number indicated below.

Respectfully submitted,



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APPENDIX

IN THE CLAIMS:

The claims are amended as follows:

1. (Amended) ~~Process~~ A process for the ~~manufacture of~~ manufacturing sets of printed ~~sheets~~ pages for the preparation of books, ~~of the type which comprises~~ comprising the steps of unrolling a ~~sheet of~~ paper from a feed roller and subsequently cutting it ~~a sheet of~~ paper before it ~~the sheet~~ is supplied to a printing machine, which then prints ~~the~~ bodies of text ~~of on~~ the ~~sheet~~ various sheets, characterised ~~in that~~ wherein, in an electronic printing machine having a memory for the content of the ~~texts of the various pages~~ bodies of text and ~~electronically controllable means~~ an electronic controller for determining ~~the~~ a surface area occupied by the bodies of text and ~~the~~ parameters defining the bodies of text, printing the ~~various~~ bodies of text ~~of the pages are printed~~ with a symmetrical distribution with respect to ~~the~~ a centre of symmetry of the sheet being printed and likewise symmetrically with respect to one or both two axes of symmetry, ~~of the initial sheet which~~ pass through the centre of symmetry ~~thereof~~ and which are parallel with ~~its~~ outer edges of the sheet, varying ~~the extent at~~ least one of the outer edges of the body of the bodies of text ~~for each page in accordance with~~ the dimensions provided therefor, and subsequently reversing the sheet receiving the print is ~~subsequently reversed~~ in order to print the bodies of text corresponding to the reverse faces of the printed ~~sheets~~ sheet and then folding the printed sheet is ~~folded~~ about one or both ~~axes of~~ the axes of symmetry ~~thereof, which pass through the centre of symmetry,~~ in order to produce a set of ~~sheets~~ pages which ~~is~~ are cut at the outer edges in accordance with the dimensions of

the printed pages of text, and joining and binding ~~finally~~ the various sets of sheets ~~pages~~ are joined and bound to form the book.

2. (Amended) ~~Process for the manufacture of sets of printed sheets for the preparation of books~~ The process according to claim 1, ~~characterised in that~~ wherein the bodies of text are printed on a sheet of standard size, the folding of which about one or both axes of symmetry passing through the centre of symmetry of the sheet produces sets of pages ~~sheets~~ of a ~~likewise~~ another standard size.

3. (Amended) ~~Process for the manufacture of sets of printed sheets for the preparation of books~~ The process according to claim 1, ~~characterised in that~~ wherein the adjustment of the parameters determining the bodies of text ~~texts~~ and the arrangement thereof on the sheet is effected by the externally operated electronic ~~controls of the electronic printer~~ controller without stopping the continuous process of manufacture.

4. (Amended) A set ~~Set of pages~~ sheets for the manufacture of books; which set is manufactured in accordance with the process of any one of the preceding claims, ~~characterised in that~~ wherein the set of pages ~~it comprises a sheet on which the text is distributed in~~ bodies of text which correspond respectively to pages of a book and which are arranged symmetrically with respect to the ~~central axis~~ centre of symmetry of the sheet and with respect to the one or two ~~of the~~ axes of symmetry which pass through said ~~the~~ centre

~~centres of symmetry and which are parallel with the outer edges of the sheet, the sheet being~~
~~folded about the one or both axes axis of symmetry, respectively,~~ if two symmetrical bodies of
text are printed on each face of the sheet, or being folded about both axes if there are four
bodies of text for respective pages on each face of the sheet.

5. (Amended) ~~Process for the manufacture of sets of printed sheets for the~~
~~preparation of books~~The process according to claim 1, ~~characterised in that~~wherein each sheet
is printed in an off-centre manner to produce a lateral edge strip which is parallel with one of
the edges of the sheet, in order to enable ~~it~~ the sheet to be gripped by pincers after the printed
sheet has been folded.

6. (Amended) ~~Process for the manufacture of sets of printed sheets for the~~
~~preparation of books~~The process according to claim 1, ~~characterised in that~~wherein ~~the~~ a free
edge strip is produced by a displacement of ~~the~~ a base carrying the sheet along one or other of
~~the~~ the coordinate axes of a magnitude equal to that of the desired edge strip.

7. (Amended) ~~Process for the manufacture of sets of printed sheets for the~~
~~preparation of books~~The process according to claim 1, ~~characterised in that~~wherein ~~the~~ a sheet
is arranged with its edge displaced with respect to ~~the~~ a reference edge of ~~the table~~ a base
carrying the sheet ~~to be printed~~, printing being effected in accordance with ~~the~~ the coordinate axes
of said ~~the~~ the base, to produce a free edge for gripping by pincers.

8. (Amended) ~~Process for the manufacture of sets of printed sheets for the preparation of books~~The process according to claim 1, ~~characterised in that~~wherein the off-centre arrangement of ~~the one of the edges~~ edge is achieved by providing a shorter sheet aligned by two opposite edges and a third edge joining the first edges, the fourth edge being misaligned and printing being effected in accordance with the axes of symmetry of ~~the~~ a base carrying the ~~sheets~~ sheet to be printed.